**you will need additional parts to finish:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| PART | QTT |  | PART | QTT |
| 6-32 x 3/4" | 41 |  | Threaded rod |  |
| 6-32 x 0.5" | 6 |  | 5/16" x 2" (x & y-belt idler) | 2 |
| 6-32 x 1' | 2 |  |  |  |
| 6-32 x 1,1/4" (X-Car) |  |  | 5mm x 11.5" (Z-Axis)  Alt - 10-24 x 11.5" | 2 |
| 6-32 x 1,3/4" | 4 |  |  |  |
| Nut 6-32 Nylon Insert | 8 |  |  |  |
| Nut 5/16" | 61 |  | Smooth Rod |  |
| Nut M5 (.8mm / thread)  Alt - 10-24 (.945mm / thread) | 2 |  | http://www.use-enco.com/CGI/INSRIT?PMAKA=505-0240&PMPXNO=942271&PARTPG=INLMK32 |  |
| Washers 6-32 | 2 |  | 8mm x 13.5" (Y-Axis) | 2 |
| Washers 5/16" | 6 |  | 8mm x 12.5" (Z-Axis) | 2 |
| M3 x 10mm (for step motors) | 2 |  | 8mm x 15 3/4" (X-Axis) | 2 |
| M3 x 25mm (RAMPS mount) | 15 |  |  |  |
| M3 x 20-25 mm (Heated Bed) | 3 | -4 | Nema 17 Step motor | 5 |
| M3 Nut Nylon Insert | 3-4 |  | Micro Switch (end stops) | 3 |
| Spring (heated bed mount) | 3-4 |  | Electronics Board (RAMPS or other) | 1 |
| Zip Tie 4" | 7 |  |  |  |
|  |  |  | Extruder (w/ 3 more 608zz bearings) | 1 |
| 608zz (for Y and X idler) |  |  |  |  |
| PVC Tubing 20mm (Z-Axis) | 2 |  | LM8UU | 10 |
|  | 2 |  |  |  |